

SAMPLE PLAN for
FIBER MATERIALS INC.
(proposed sample date: September 12, 2001)



SEMS DocID 621090

Background:

Fiber Materials Inc. (FMI) is a 14 acre parcel located at 5 Morin Street in Biddeford, Maine. Operations at the site began in 1975 with the manufacturing of carbon fiber impregnated components, mainly for the aerospace industry. Access to the property is restricted by a 10 foot high fence with three strands of barbed wire at the top.

Source Evaluation:

There are several areas on the site that use, generate or store hazardous substances used in the process of manufacturing. These include: the hazardous waste storage building, the former hazardous waste storage building, Building #3, Work area 2; the argon storage area, building #5, and the underground petroleum storage tanks. Hazardous substances used include: metals (Ni, Cu, Mo, Cd), solvents, acids, coal tar, and resins.

Source Sampling: No source samples will be collected on the site. Enough information regarding the hazardous substances used at the facility exists in the MEDEP files. Additionally, there were no areas of stained soil or evidence of spills noted on the property during the site reconn.

Groundwater Pathway

Groundwater under the site is approximately 24 feet bgs. There are bedrock outcrops on the site property and reportedly bedrock had to be blasted to construct all of the buildings on the site. There is little to no overburden material on the site. Most of the population within 1 mile of the site is served by public water supplies.

Groundwater Sampling: No groundwater samples will be collected for this report. There are no people using the groundwater for drinking within 0.5 miles of the site and only a few from 0.5-1 mile.

Surface Water Pathway

The surface water pathway begins in a drainage area across Morin Street northwest of the site. This is an intermittent drainage that drains to an unnamed tributary of Thacher Brook approximately 800 feet from the site. The unnamed tributary is approximately 1.2 miles in length to the confluence with Thacher Brook. Thacher Brook flows approximately 3.0 miles to its confluence with the Saco River. The Saco River flows 6.8 miles to the Atlantic Ocean. Thacher brook is a fishery and it is assumed that the tributary is also a fishery. There are wetlands located along the tributary, Thacher Brook and the Saco River.

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Surface water Sampling: Two samples will be collected in the surface water pathway. One sample from the PPE directly downgradient of the site in the drainage area, the other from the tributary. Two additional samples will be collected from a background location in the unnamed tributary.

Soil and Air Pathways

There are no residents, schools or daycare facilities on the site. There are no sensitive environments on the site. There are several sensitive environments within 4 miles of the site.

Soil and Air Sampling: No samples will be collected for these pathways.

SAMPLES TO BE COLLECTED FOR THE SI REPORT
Fiber Materials Inc., Biddeford

Sample Location	Media	Parameter	Cost	Description
BKSD-01	Sediment	PP Metals	170	This is an upstream background sample for comparison to sediment samples.
		SVOCs	275	
		PCB	150	
BKSD-02	Sediment	PP metals	170	Background location
SD-03	Sediment	SVOCs	275	Sample from the drainage area to the unnamed tributary of Thacher Brook at the PPE.
		PP Metals	170	
		PCB	150	
SD-04	Sediment	SVOCs	275	Downstream sample from the unnamed tributary to Thacher Brook.
		PP Metals	170	

TOTAL 1805

